

WHAT IS CLAIMED IS:

1. A recharger device for a battery comprises:
a base;
a first slot for a first device requiring recharging;
a second slot in adjacent relationship to the first slot, the second slot being
5 for receiving a second device for recharging;
contacts in the slots for contacting each of the respective devices;
electrical means connected with the contacts to permit a recharging current
to flow through the contacts when the electrical means is connected with an external
power supply.
2. A recharger as claimed in claim 1 including a locking member in at least
one of the slots for locking a respective device in the slot when the device is located in
the slot, the locking member being movable to permit release of the device.
3. A recharger as claimed in claim 2 wherein both slots have respective
locking members.
4. A recharger as claimed in claim 1 wherein the first device is for receiving
a flashlight housing and the second slot is for receiving a rechargeable battery pack.
- 10 5. A recharger as claimed in claim 2 wherein the locking member includes a
lever spring-mounted and biased in the locking position such that entry of the device into
the slot acts to push the lever against the locking position and when the device is
correctly located in the slot, the spring pushes the lever towards the devices and thereby
locks the device in position;
15 a handle on the lever to permit urging the lever against the spring action and
thereby release the device from its locked position in the slot.
6. A recharger as claimed in claim 1 wherein the contacts are located
adjacent to the base and wherein the weight of the devices effects contact between the
contacts and the device for recharging.

7. A recharger as claimed in claim 1 wherein the slots are located in a top face of a recharger device and wherein the recharger device essentially defines a trapezoidal shape in a sideways cross-section such that the first slot is located in the front of the top face at a lower elevation than a second slot located in the rear of the top face.

8. A flashlight comprising:
a battery housing having a first opening;
a lamp bulb;
an electric connection between the battery housing and the lamp bulb;
5 a closure for the opening of the battery housing, the closure being in a tail cap mounted in the battery housing, the closure being connected with a rechargeable battery such that when the batteries are located in position in the battery housing the battery housing is closed.

9. A flashlight as claimed in claim 8 including an aperture in the battery
10 housing, the aperture being for receiving an element connected with the battery pack, the element being spring-loaded such that when the battery pack is correctly located in the battery housing the element fits in the aperture and locks the battery pack in position in the battery housing.

10. A flashlight as claimed in either claim 8 or 9 wherein the element is a
15 button element receptive in an aperture in the battery housing, the button element being spring-loaded to fit in the aperture in the normal position and wherein finger pushing action converse to a biasing from the spring action causes the battery pack to be released from its position in the battery housing.

11. A flashlight as claimed in claim 10 wherein the base of the battery housing includes contacts for location with contacts on a recharger for the battery.

12. A flashlight as claimed in claim 8 wherein the lamp bulb is located in the housing mounted at an angle relative to the axial direction of the axis of the battery housing.

13. A flashlight as claimed in claim 12 wherein the angle is substantially right-angular relative to the axis of the battery housing.

14. A flashlight as claimed in claim 8 wherein the battery housing is substantially rectangular in cross section when viewed from the base.

15. A flashlight as claimed in claim 14 wherein the rectangular cross-section has cut off or rounded corners.

16. A flashlight as claimed in claim 8 wherein at least portion of the battery housing includes a grip sleeve.

17. A flashlight as claimed in claim 16 including two separable grip sleeves, the two grip sleeves being located at opposite sides of the battery housing.

18. A flashlight as claimed in claim 8 wherein the battery housing includes an indentation located towards the base of the housing, the indentation being for mating engagement with a locking lip to locate the flashlight in a recharger device.

19. A flashlight as claimed in claim 18 wherein the indentation extends substantially transversely across a face of the base and is located relatively closely to the foot of the flashlight.

20. A flashlight as claimed in claim 19 wherein a recess for receiving the button element on the battery pack is located on an opposite face of the battery housing and is located preferably at a location relatively closer to the top of the battery housing.

21. A flashlight as claimed in claim 20 wherein the aperture at the top of the battery housing is located substantially opposite to a larger aperture in the battery housing, the larger aperture being for receiving a lens configuration.

22. A rechargeable battery pack including batteries in relative side-by-side relationship, an extension from the batteries for permitting the batteries to be connected in a battery housing in a releasable manner, contact means from the batteries for permitting recharging of the batteries in a recharger.

23. A rechargeable battery pack as claimed in claim 22 wherein the extension for permitting the release includes the electrical contact means for connecting a flashlight bulb of a flashlight electrically to the battery pack.

24. A carrier for a rechargeable battery pack, the carrier being for receiving a rechargeable battery pack, the carrier being elongated to receive the elongated structure of the pack and to locate the structure in a recharger in a manner to permit recharging.

25. A carrier as claimed in claim 24 wherein the elongated structure includes an indentation for permitting releasable anchorage of the battery pack and the structure with a mating formation in a recharger.

26. A carrier as claimed in claim 24 wherein there are at least two batteries, the batteries being located preferably in side by side relationship.

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